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9-[2-[[[di (trimethylacetoxyl) methyl phosphoroso] methoxy]-ethyl] adenine crystal and its prepn and crystal application

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The present invention relates to one kind of 9-[2-[[[di(trimethyl acetoxyl)methyl] phosphoroso] methoxy]-ethyl] adenine crystal. The crystal has space group P-1, crystal cell parameters a=6.020(2) angstrom, b=11.155(4) angstrom, c=20.833(8) angstrom, alpha=93.798(6) deg, beta=97.458(6) deg, and gamma=102.897(6) deg, and crystal cell volume 1345.5(9) cubic angstrom. The present invention also relates to the process of crystallization in absolute alcohol to obtain 9-[2-[[[di(trimethyl acetoxyl) methyl] phosphoroso] methoxy]-ethyl] adenine crystal. The present invention also relates to the application of the crystal in preparing antiviral medicine.

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